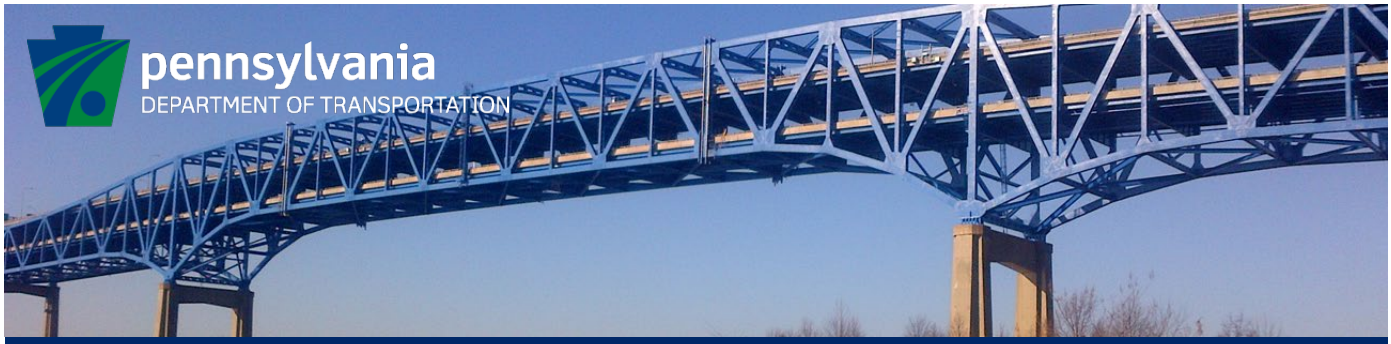

BRIDGE DESIGN AND TECHNOLOGY DIVISION

QUALITY ASSURANCE CHECKLISTS

(DESIGN MANUAL, PART 4 – DECEMBER 2019 EDITION)

The intent of the Quality Assurance checklists found in Appendix A of the Design Manual, Part 4 (DM-4) is to self-correct critical omissions and errors during the design of bridge components. All applicable checklists will be filled out by the actual bridge designer, either in-house or consultant, and will be included with the appropriate submission (see DM-4, Appendix A).

The checklists as provided are intended to serve as templates. They may be modified and expanded where more space is required, and consequently content may be shifted from one page to the next (i.e., page breaks and total number of pages are not fixed). However, nothing may be excluded or deleted from the checklists, and the order and general layout of the content on each checklist shall not be changed.

The following list provides links to the individual Quality Assurance checklists in Microsoft Word document format and in Portable Document Format (PDF).

Quality Assurance Checklists	Links	
No. 1 – T.S.&L. of Steel Bridges (New Structures)	[Word]	[PDF]
No. 2 – T.S.&L. of Steel Bridges (Rehabilitation Structures)	[Word]	[PDF]
No. 3. – T.S.&L. of Prestressed Concrete Bridges (New Structures)	[Word]	[PDF]
No. 4. – T.S.&L. of Prestressed Concrete Bridges (Rehabilitation Structures)	[Word]	[PDF]
No. 5. – Foundations	[Word]	[PDF]
No. 6. – Glulam Timber Bridges	[Word]	[PDF]
No. 7. – Stressed Timber Bridges	[Word]	[PDF]
No. 8. – Composite Steel-Girder Superstructure Design	[Word]	[PDF]
No. 9. – Prestressed Concrete Bridge Design	[Word]	[PDF]
No. 10. – Elastomeric Bearing Design	[Word]	[PDF]
No. 11. – High Load Multi-Rotational Bearing Design	[Word]	[PDF]
No. 12. – Pipes and Culverts	[Word]	[PDF]
No. 13. – BRADD Final Plans	[Word]	[PDF]
No. 14. – Substructures	[Word]	[PDF]
No. 15. – Integral Abutment Bridges	[Word]	[PDF]
No. 16. – Final Design of Proprietary Retaining Walls	[Word]	[PDF]
No. 17. – Final Design of Flexible Retaining Walls	[Word]	[PDF]
No. 18. – Final Design of Sound Barriers	[Word]	[PDF]
No. 19. – Construction Load Analysis [For Department Use Only]	[Word]	[PDF]